

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-155405

(43)Date of publication of application : 30.05.2003

---

(51)Int.Cl. C08L 69/00  
C08J 5/00  
C08K 5/09  
C08K 9/04  
G02B 5/08  
//(C08L 69/00  
C08L 83:04  
C08L 27:12 )

---

(21)Application number : 2001-353059

(71)Applicant : SUMITOMO DOW LTD

(22)Date of filing : 19.11.2001

(72)Inventor : SATO ICHIRO  
NUKUI SHINJI  
SHINOHATA MASAHIRO

---

**(54) FLAME-RETARDANT POLYCARBONATE RESIN COMPOSITION EXCELLENT IN LIGHT REFLECTION AND LIGHT REFLECTING BOARD THEREFROM**

**(57)Abstract:**

**PROBLEM TO BE SOLVED:** To obtain a flame-retardant polycarbonate resin composition excellent in light reflection having excellent performance in environmental protection because it does not contain halogen flame-retardants comprising chlorine compounds, bromine compounds, and the like and a phosphorus flame retardant, having not only high flame-retardant property and light reflection property but also excellent in impact resistance, fluidity, and molding property, and especially suitable for using as a material for a reflecting board for liquid crystal backlight, or the like.

**SOLUTION:** The flame-retardant polycarbonate resin composition excellent in light reflection comprises 100 pts.wt. polycarbonate resin (A), 5-25 pts.wt. titanium oxide (B), 0.01-3 pts.wt. polyorgano hydrogen siloxane (C), 0.01-1 pts.wt. silicone compound (D) comprising a branched main chain and an organic functional group contained as an aromatic group or comprising an aromatic group and a hydrocarbon group (except an aromatic group), 0.01-2 pts.wt. organic metal salt (E), and 0.01-2 pts.wt. fiber-forming polymer containing fluorine, and the light reflecting board is prepared by molding this composition.

---

**LEGAL STATUS**

[Date of request for examination]

19.03.2004

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office